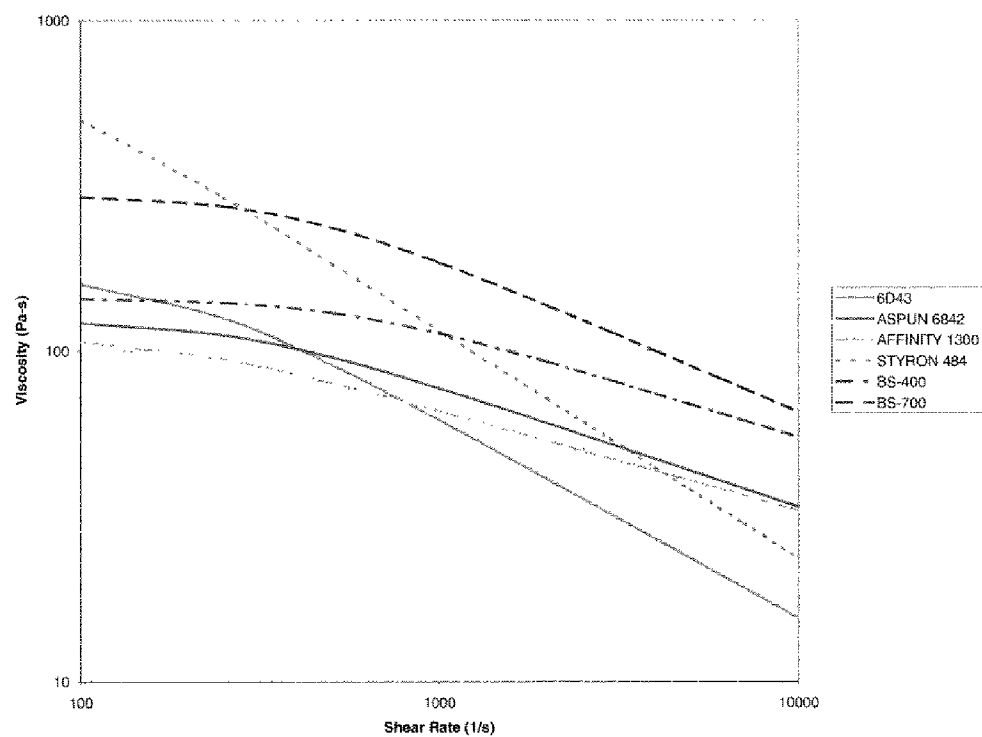
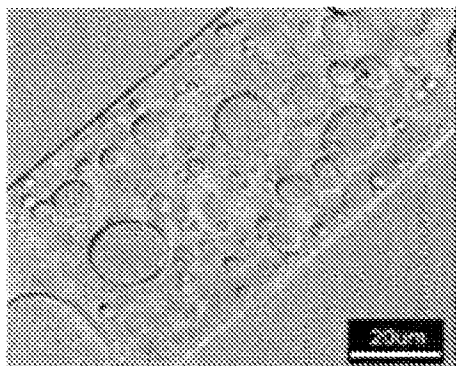


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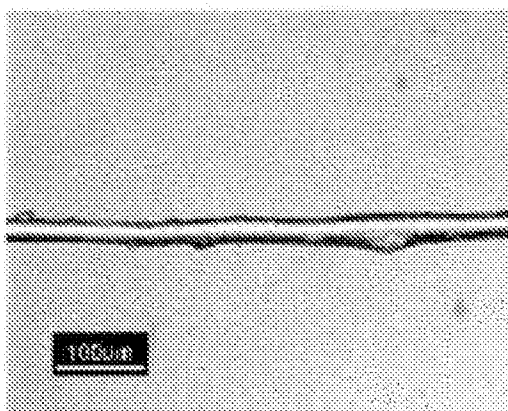


**Figure 1:** Viscosities of Resins used as Sheath Components at 250°C

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**Figure 2:** Microtome Image of STYRON in 6D43 at 100x

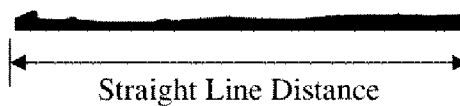


**Figure 3:** Original Light Microscopy Image of Fiber

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**Figure 4:** Binary Image of Fiber

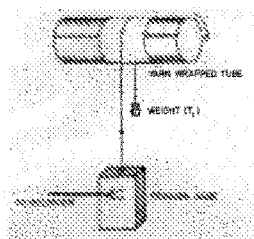
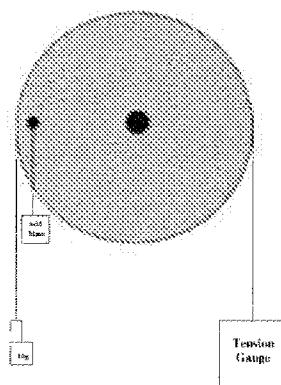


**Figure 5:** Example Image for Length-Difference Method



**Figure 6:** Lined Representation of Fiber

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**Figure 7: Capstan Yarn Friction Apparatus****Figure 8: Static Friction Test Set-up**

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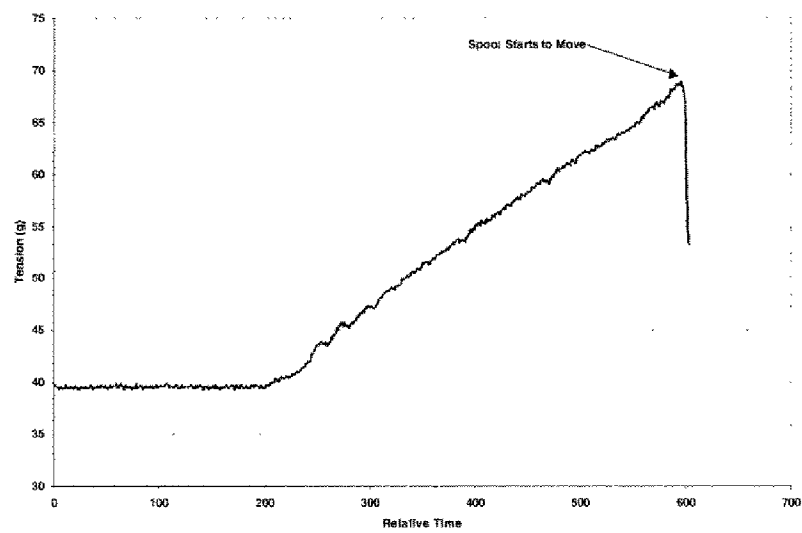


Figure 9: Increase in Yarn Tension with Addition of Mass to Spool

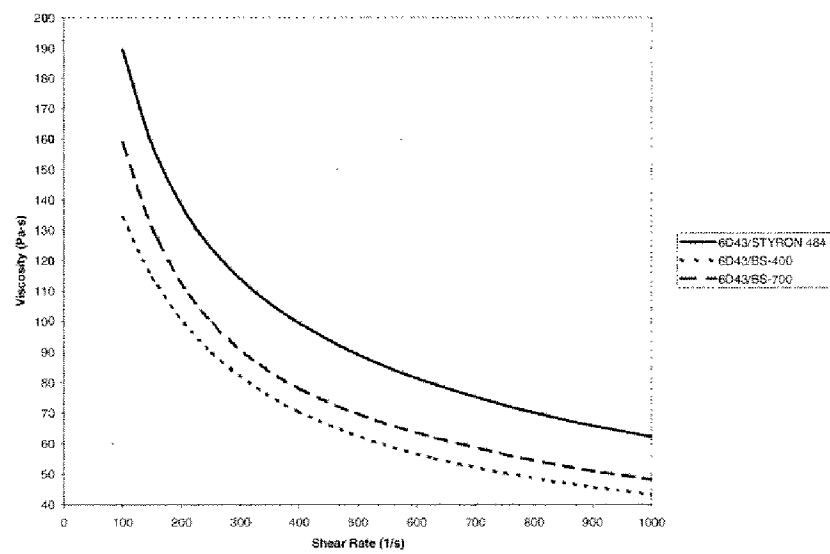
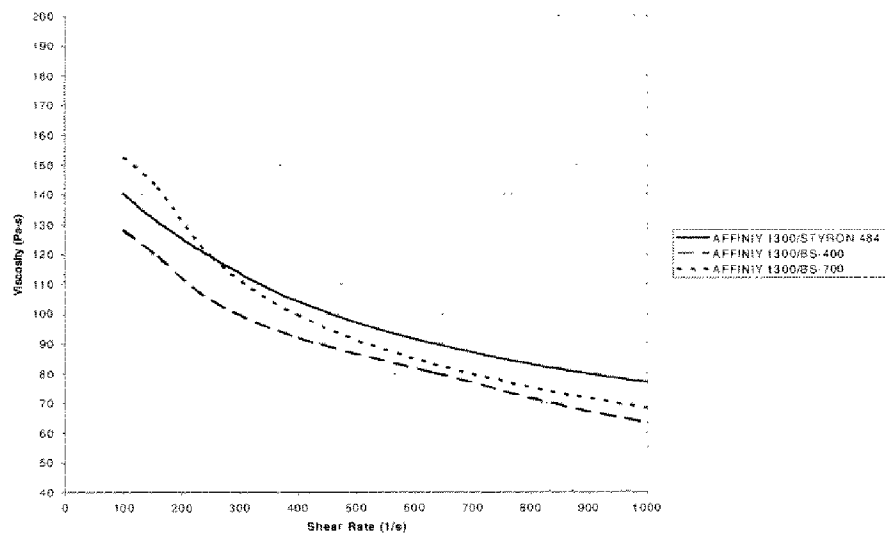
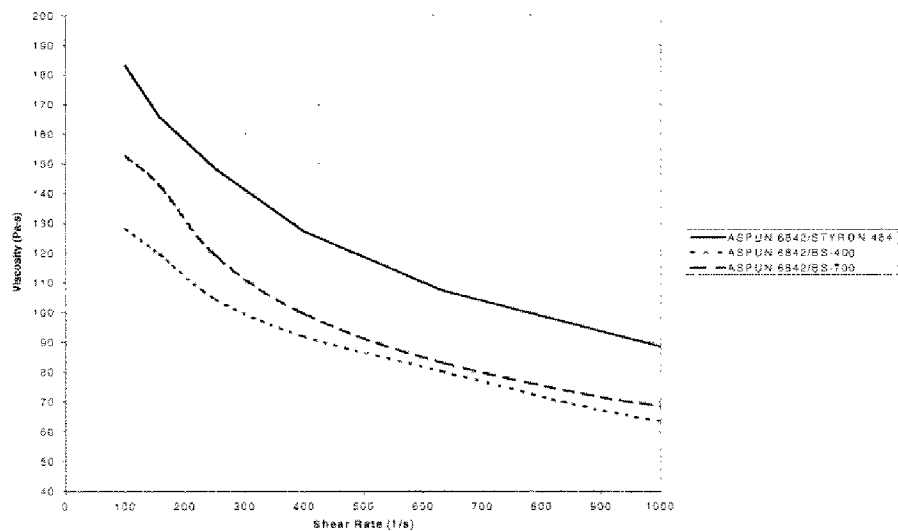


Figure 10: Viscosities of 6D43 Blends at 250°C

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**Figure 11: Viscosities of ASPUN Blends at 250°C****Figure 12: Viscosities of AFFINITY Blends at 250°C**